



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/806,470  
Applicant : Takayuki Akahoshi  
Filed : March 23, 2004  
TC/A.U. : 3763  
Examiner : Matthew F. DeSanto

Docket No. : 1278-160  
Customer No. : 06449  
Confirmation No. : 1710

INFORMATION DISCLOSURE STATEMENT

Director of the United States Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith information that the Office may wish to consider in examination of the subject application.

Materials submitted for consideration are listed on the attached form PTO-1449.

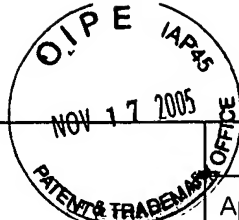
Pursuant to the provisions of 37 C.F.R. 1.17, please charge the deposit account no. 02-2135 the required fee of \$180.00. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 02-2135. An additional copy of this document is enclosed.

Respectfully submitted,

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By

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	10/806,470
Filing Date	March 23, 2004
First Named Inventor	Takayuki AKAHOSHI
Group Art Unit	3763
Examiner Name	Matthew F. DeSanto

Sheet	1	of	1	Attorney Docket Number	1278-160
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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
		5,718,676		Barrett	02-17-1998
		5,464,389		Stahl	11-07-1995

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind <sup>5</sup> Code (if known)			

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.